RUBBER LINING SERVICES

WEAR RESISTANT SERVICES

RUBBER LINING
When a metal is immersed in liquid which contains water or corrosive substances, the problem of corrosion occurs. Rubber Lining will solve the problem. Rubber Lining is an application method used to protect multiple types of systems by lining corrosion and abrasion-resistant rubber upon the surface or inside of pipes and tanks. Our Rubber Lining is applied by hand by Orac Systems’ experienced staff, ensuring a durable finished product.

Operational Benefits Of Rubber Lining
The principal benefits of Rubber Lining are its excellent resistance to corrosive and abrasive chemicals and materials, e.g. acids, alkalis, salt water, slurries, sand, shot blast media, crushed rock etc. In addition, Rubber Lining provides other benefits such as noise and vibration reduction, electrical and thermal insulation and product protection.

PULLEY/DRUM LAGGING
There are a few basic reasons for the application of lagging to both driven and non-driven pulleys.

- Lagging serves as a protective layer guarding the pulley from premature failure due to abrasion.
- While protecting the pulley, the lagging can also protect the conveyor belting from a similar sort of wear failure caused by abrasion.
- Lagging can also create an increase in friction between the pulley and the belt which is usually needed when there is a requirement for torque transfer through the pulley to the belt.

Lagging is applied to nearly all conveyors to address at least one (if not all) of the basic points above. In addition, lagging should be applied in a way that the lagging itself does not wear prematurely due to abrasion, or delaminating from the pulley, as well as cause belt wear.

Lagging Benefits
- Reduces slippage between belt and pulley
- Improves and stabilises coefficient of friction
- Evacuation of moisture and dirt
- Protects the pulley against wear and corrosion
- Prevents material build-up
- Positive influence on belt tracking

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YOUR ENGINEERING, MAINTENANCE, WEAR RESISTANT LINING & CONVEYOR SPECIALIST